

CLAIMS

1. A method, comprising:

storing a set of data on a data storage medium;

displaying a graphical user interface to a user, wherein the graphical user interface is a graphical representation of a replication schema to protect the set of data against logical disruption; and

providing the user with an ability to modify the replication schema through the graphical user interface.
2. The method of claim 1, further comprising modifying the replication schema based on input received from the user through the graphical user interface.
3. The method of claim 1, further comprising displaying a set of blocks on the graphical user interface, wherein each block represents an instance of replication.
4. The method of claim 3, wherein a subset of the set of blocks represents a snapshot copy.
5. The method of claim 3, wherein a subset of the set of blocks represents a full copy.
6. The method of claim 3, further comprising dividing the set of blocks into groups.
7. The method of claim 6, wherein each group represents a different time interval.

8. The method of claim 6, further comprising indicating whether a group is an online copy or an offline copy.
9. The method of claim 3, further comprising color-coding the set of blocks to indicate a point-in-time source set of data.
10. A set of instructions residing in a storage medium, said set of instructions capable of being executed by a storage controller to implement a method for processing data, the method comprising:
- storing a set of data on a data storage medium; and
 - displaying a graphical user interface to a user, wherein the graphical user interface is a graphical representation of a replication schema to protect the set of data against logical disruption and provides the user with an ability to modify the replication schema.
11. The set of instructions of claim 10, further comprising modifying the replication schema based on input received from the user through the graphical user interface.
12. The set of instructions of claim 10, further comprising displaying a set of blocks on the graphical user interface, wherein each block represents an instance of replication.
13. The set of instructions of claim 12, wherein a subset of the set of blocks represents a snapshot copy.

14. The set of instructions of claim 12, wherein a subset of the set of blocks represents a full copy.
15. The set of instructions of claim 12, further comprising dividing the set of blocks into groups.
16. The set of instructions of claim 15, wherein each group represents a different replication interval.
17. The set of instructions of claim 15, further comprising indicating whether a group is an online copy or an offline copy.
18. The set of instructions of claim 12, further comprising color-coding the set of blocks to indicate a point-in-time source set of data
19. A processing system, comprising:
 - a memory that stores a set of data;
 - a processor that performs a replication schema to protect the set of data against logical disruptions;
 - a display that shows a graphical user interface representing a graphical representation of the replication schema; and
 - an input device that provides the user with the ability to modify the replication schema through the graphical user interface.

20. The processing system of claim 19, wherein a set of blocks is displayed on the graphical user interface with each block representing an instance of replication.
21. The processing system of claim 20, wherein a subset of the set of blocks represents a snapshot copy.
22. The processing system of claim 20, wherein a subset of the set of blocks represents a full copy.
23. The processing system of claim 20, wherein the set of blocks is divided into groups.
24. The processing system of claim 23, wherein each group represents a different replication interval.
25. The processing system of claim 20, wherein each block is color-coded to indicate a point-in-time source set of data.